

**Wendy K. Schellhamer**  
Environmental Scientist

**PROFESSIONAL EXPERIENCE**

Employed by STV in 1994, 3 years with others, 10 years of professional experience

**EDUCATION**

B.S., Environmental Resource Management, The Pennsylvania State University, 1991

Basic 40-Hour Health & Safety Training Requirements for Work at Hazardous Waste Sites, September 1994 (8-hour refresher course, 1998)

1987 U.S. Army Corps of Engineers (U.S. ACE) Wetlands Delineation Method and Wetland Delineator Certification Program, 1995

“Performing Phase I Environmental Inspections,” Environmental Assessment Association, 1997

“Grasses, Sedges, and Rushes” course, R. E. Wright, 1997

“Freshwater Wetland Construction” course, Learning Center of Applied Environmental Technology, 1998

PennDOT’s Environmental Impact Statement Handbook workshop, 1993

PennDOT’s Hazardous Waste seminar, 1994

PennDOT’s Categorical Exclusion Evaluation Handbook workshop

PennDOT’s Agricultural Resources training, 1998

PennDOT’s Section 4(f) training, 1998

**MEMBERSHIPS**

The Pennsylvania Association of Environmental Professionals

“Wetland Professional in Training,” Society of Wetland Scientists Certification Program, Inc., 1995

**GENERAL EXPERIENCE**

Environmental specialist with experience in wetland delineation and mitigation; habitat evaluation; Phase I environmental site assessments; aerial photography interpretation; threatened and endangered species inventories; permitting needs evaluations and permit preparation; and development of NEPA documentation including environmental impact statements, environmental assessments, and categorical exclusions.

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**PROJECT EXPERIENCE**

**Government Clients**

**Various Environmental Projects, Federal Bureau of Investigation, Quantico, VA - Environmental Scientist**

Conducted numerous environmental projects at the FBI Academy in Quantico, VA. Tasks performed to date have included the preparation of four NEPA environmental assessments for the construction of new FBI training facilities; four permitting analyses; wetland investigations covering four sites (50, 75, 80 and 100 acres, respectively); several soil sampling investigations; biological assessments and threatened/endangered species surveys, and preparation of a wetland mitigation plan to replace one acre of wetlands.

**Environmental Assessment, Federal Bureau of Investigation, Clarkesburg, WV - Environmental Scientist**

Conducted a wetland delineation and assisted in the preparation of a NEPA Environmental Assessment for the construction of new facilities at the FBI facility in Clarkesburg, West Virginia.

**Environmental Assessment for a Firearms Range Project, Federal Bureau of Investigation, Southern U.S. - Environmental Scientist**

Prepared a NEPA environmental assessment for the construction of a new firearms range on a four-acre site.

**Identification of Potential Environmental Consequences, Advanced Linear Motor-Advanced Technology Demonstration (ALM-ATD), General Atomics for NAVAIR, NAES Lakehurst, NJ - Environmental Scientist**

Prepared an Identification of Potential Environmental Consequences (IPEC) document for the installation of an Advanced Linear Motor test station. The IPEC identified alternatives to the proposed test site, environmental conditions, project impacts on the environment, mitigation measures, and permit requirements.

**Environmental Services, Aircraft/Platform Interface (API) Facility for Naval Air Engineering Station, Boro Developers/ Naval Facilities Engineering Command, Lakehurst, NJ - Environmental Scientist**

Prepared a Permitting Needs Analysis and a New Jersey Pinelands Commission Permit for the installation of a new API Facility, an R&D laboratory building with a 6,174-square-meter floor area for the product development and integration of aircraft/platform interface systems and equipment.

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#### **Michie Stadium Environmental Assessment at the West Point Military Academy, U.S. Army Corps of Engineers, West Point, NY - Environmental Scientist**

Prepared portions of a NEPA Environmental Assessment for biological and water resources, environmental justice, and cumulative effects for construction of improvements to Michie Stadium in West Point, NY.

#### **Various Environmental Projects, U.S. Dept. of Agriculture, Plum Island, NY - Environmental Scientist**

Conducted numerous environmental projects at USDA's Plum Island Animal Disease Center on Plum Island, NY., as part of an ongoing A/E task order contract. To date, tasks performed include the preparation of several NEPA environmental assessments; permitting analyses; preparation of NYSDEC/U.S. Army Corps of Engineers joint permit applications for various environmental impacts; threatened/endangered species surveys; preparation of a state pollution discharge elimination system (SPDES) permit; and preparation of an investigative report for the feasibility of converting abandoned wastewater treatment lagoons into wetlands.

#### **Phase I Environmental Site Assessments and Related Services, U.S. Postal Service, Various Locations - Environmental Scientist**

Conducted Phase I environmental site assessments at the following sites: the Douglassville, PA, Main Post Office; the Post Office Annex in Eagleville, PA; the Main Post Office in Manchester, PA; the Main Post Office in Harleysville, PA; and the Main Post Office in Lansdale, PA which also included a wetland delineation.

#### **Spill Prevention Response Plan, Pennsylvania Department of Corrections, Somerset, PA - Environmental Scientist**

Prepared a Spill Prevention Response (SPR) Plan to address preventive maintenance and emergency response procedures for aboveground storage tanks and hazardous materials stored at the Laurel Highlands Correctional Institution in Somerset, PA.

#### **Forest County State Correctional Institution, Pennsylvania Department of General Services, Forest County, PA – Environmental Scientist**

Conducted environmental services for the construction of a 1,000-cell maximum security correctional facility, including a wetland delineation and preparation of a joint Chapter 105 (PADEP) and Section 404 (ACOE) permit. The wetland delineation consisted of identifying wetlands within a 200-acre parcel using the Army Corps of Engineers routine methodology for large areas, delineating the wetland boundaries, and surveying the wetland boundaries using a Global Positioning System (GPS) unit. A Joint Individual Permit was prepared for the filling of 7.2 acres.

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**Transportation Projects**

**Two-Year Statewide Open-End Contract for Environmental Services, PA Turnpike Commission, Harrisburg, PA - Deputy Project Manager**

STV was awarded an open-end contract to provide environmental services for various PA Turnpike projects. Tasks performed to date include: preparation of a Categorical Exclusion Evaluation for the construction of the Advanced Traveler Information System (ATIS) along the entire length of the Pennsylvania Turnpike; wetland delineation along a mile-long corridor and preparation of a Small Projects Permit for roadway improvements in Franklin County; preparation of an Environmental Overview Evaluation, a Threatened/Endangered Species Survey and wetland delineation and jurisdictional determination with the U.S Army Corps of Engineers for the construction of a slip ramp in Chester County; Phase I/Limited Phase II Environmental Site Assessment for a former stockpile location in Freidans, PA (Project Manager) which also included management of a subcontractor to perform soil borings and laboratory analysis of the soil borings; preparation and presentation of a wetland awareness training course for PTC maintenance personnel.

**Wetland Delineation for Environmental Assessment, Glen Cove Road Extension, Glen Cove Community Development Agency, Glen Cove, NY – Environmental Scientist**

Conducted a wetland delineation for palustrine emergent and tidal wetland systems for the extension to Glen Cove Road. This extension will facilitate access to the municipality's waterfront area. The project is federally funded and will comply with the New York State Department of Transportation (NYSDOT) and the Federal Highway Administration (FHA) regulations and procedures.

**Lumberton-Vincentown Road Bridge Replacement, New Jersey Department of Transportation, Burlington County, NJ - Project Environmental Scientist**

Responsible for conducting a wetland delineation, conducting a survey for the NJ State endangered swamp pink (*Helonias bullata*), and preparing a General Wetland Permit application for the replacement of the Lumberton-Vincentown Road Bridge.

**New Rail Alternative Evaluations, New Jersey Transit, Hudson and Bergen Counties, NJ - Environmental Scientist**

Summarized the environmental constraints for several rail alternatives.

**MIS/DEIS, Long Island Rail Road, New York, NY - Project Environmental Scientist**

Researched natural resources within a corridor being studied for construction of new railroad lines, and prepared various sections of a NEPA environmental impact statement including wetlands, vegetation and wildlife, threatened and endangered species, geology and soils, water quality, and floodplains.

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#### **St. Clair County Metrolink, St. Louis, IL - Project Wetland Scientist**

Conducted wetland delineation along a 20-mile rail corridor.

#### **Oil and Gas Clients**

#### **Amoco Extension Project, Colonial Pipeline Co., Cartaret, NJ - Project Environmental Scientist**

Prepared a waterfront development permit and tidelands license application per NJDEP requirements for a portion of pipeline being constructed through a tidal waterway, and tracked permits to their issuance. Verified wetland boundaries within the project area to determine that wetland permitting would not be required.

#### **Beaver Valley Road Pipeline Project, Colonial Pipeline Co., Delaware County, PA - Project Environmental Scientist**

Conducted a threatened/endangered species survey for several plant species of concern. Prepared a PADEP general permit for temporary wetland impacts during the replacement of a section of pipeline.

#### **Port Mobil Pipeline Replacement Project, Colonial Pipeline Co., Woodbridge, NJ, to Staten Island, NY - Environmental Coordinator**

Responsible for conducting a permitting needs analysis for a pipeline installation in New York. Prepared a joint permit application for the New York State Department of Environmental Conservation (NYSDEC) and U.S. ACE for impacts to wetlands and surface waters. Conducted a tree survey within the study area to satisfy local permitting requirements.

#### **Washington / Old Dominion Pipeline, Colonial Pipeline Company, Fairfax, VA - Project Environmental Scientist**

Responsible for preparing a Nationwide Permit for the U.S. Army Corps of Engineers for a pipeline crossing of a stream associated wetland.

#### **Woodbury Pumpback Project, Colonial Pipeline Company, Woodbury, NJ - Project Environmental Scientist**

Responsible for preparing a feasibility study for the installation of approximately two miles of pipeline. Environmental studies, including wetland investigations, habitat assessments, and watercourse identifications, were conducted on three pipeline alternatives. A permitting needs evaluation was prepared for each alternative.

#### **Diamond Run Pipeline Replacement Study, Sun Pipe Line Co., Norristown, PA - Project Environmental Scientist**

Performed an environmental analysis of the study area as part of the feasibility study conducted to determine the best location to relocate a segment of pipeline. Conducted a

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wetland delineation of the project site, a permitting needs analysis, and prepared a joint permit application for PADEP for impacts to streams and wetlands.

#### **Edison Pipeline Wash-Outs Project, Sun Pipe Line Co., Edison, NJ - Environmental Scientist**

Prepared three stream encroachment permits and three general wetland permits per NJDEP requirements for pipeline maintenance activities in Edison, New Jersey.

#### **Marsh Creek Pipeline Replacement Study, Sun Pipe Line Co., Upper Uwchlan Township, PA - Project Environmental Scientist**

Conducted a wetland delineation of the study area and prepared a wetland delineation report. Prepared an environmental assessment form for inclusion with a PADEP/U.S. Army Corps of Engineers joint permit application.

#### **Environmental and Permitting Needs Analysis for the Point Breeze Pipeline Replacement Study, Sun Pipe Line Co., Philadelphia, PA - Environmental Scientist**

Performed environmental and permitting needs analysis for a pipeline replacement study. Environmental analysis included wetland delineation, WET 2.0, PA modified habitat evaluation procedure (PAMHEP), and threatened and endangered species surveys. Prepared joint permit application and a wetland delineation report for the PA Department of Environmental Resources (PADER) and U.S. Army Corps of Engineers.

#### **Wetland Delineations for Pipeline Replacement Study, Sun Pipe Line Co., Tinicum Township, PA - Environmental Scientist**

Conducted wetland delineation tasks and evaluated natural resources. Responsible for preparation of a wetland delineation report and environmental assessment form as part of a permit submission to PADER.

#### **Verona Road Pipeline Replacement Study, Sun Pipe Line Co., Pittsburgh, PA - Project Environmental Scientist**

Performed an environmental analysis of the study area as part of the feasibility study conducted to determine the best location to relocate a segment of pipeline. Prepared a Small Projects Permit Application for PADEP for impacts to streams.

#### **Commercial / Industrial Clients**

#### **John T. Dyer Quarry Expansion Project, Warner Company, Robeson Township, PA - Environmental Scientist**

Conducted residential well sampling investigations as part of a mining permit submission to PADEP for the expansion of a quarry.

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#### **Geotechnical Borings Project, Martin Marietta Corp., King of Prussia, PA - Environmental Scientist**

Performed numerous geotechnical borings to investigate soil contamination. Responsible for characterizing soil samples as well as preparing samples for laboratory analysis. Prepared a report documenting findings.

#### **Sprint PCS, Various Sites, OH, VA, MD, PA, and NJ - Environmental Scientist**

Completed 150 Phase I Environmental Site Assessments and 140 NEPA Categorical Exclusions to date for the construction of new telecommunication towers throughout three states.

#### **Solid Waste Clients**

#### **Wetland Mitigation, Waste Management, Pottstown Landfill, Pottstown, PA - Environmental Scientist**

Performed construction oversight of remedial construction activities of an 0.8 acre wetland mitigation site at the Pottstown Landfill. Remediation was necessary due to drought damage. Remedial activities included soil excavation and replanting of woody vegetation. Post inspection by the Army Corps of Engineers was successful.

#### **Wetland Mitigation Project, Waste Management of Indian Valley, Telford, PA - Wetland Scientist**

Prepared a wetland mitigation plan to replace 0.07 acre of wetlands, including planting design, plant selection, and determination of depth of hydric soil to be imported. Developed construction specifications for plantings.

#### **Allentown Transfer Station, Waste Management of Allentown, Telford, PA - Environmental Scientist**

Prepared a Form D for submission to PADEP for the expansion of an existing transfer station.

#### **Combined Summaries**

#### **Permitting Needs Analyses and Feasibility Studies, Various Clients and Locations - Environmental Scientist**

Prepared several feasibility studies and permitting needs analyses to document ecological conditions and identify subsequent environmental permitting requirements for a variety of projects, including several pipeline replacement studies throughout Pennsylvania for Sun Pipe Line Co.; the construction of an emergency generator facility for the Pentagon; construction of a rail facility for the NJ Transit Authority between New Jersey and New York; and a pipeline construction project for Colonial Pipeline Company in Woodbury, New Jersey.

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#### **Wetland Delineation Projects, Various Clients and Locations - Wetland Scientist**

Conducted wetland delineation activities and prepared wetland delineation reports for the Lanchester Landfill expansion project in Chester County, PA; the construction of a new maintenance building at Morristown Airport; the renovation of the Norristown, PA, National Guard Armory; the construction of a new technical center and parking facility for Millennium Inorganic Chemicals in Baltimore, MD; construction of a nature trail for the Pottstown Landfill in Pottstown, PA; a pipeline replacement project for Sun Pipe Line Co. in Uwchlan Township, PA; the construction of a baseball diamond at Montgomery School in Chester County, PA; construction of a welcome center at the FAA Technical Center in Atlantic City, NJ; construction of a new post office facility in Lansdale, PA; Glen Cove Road Extension in Glen Cove, NY; the construction of a training center at Fort Dix, NJ; and pipeline relocations in Fairfax, VA.

#### **Phase I Environmental Site Assessments, Various Clients and Locations - Environmental Scientist**

Conducted Phase I environmental site assessments for the following clients: Astra Merck in Tredyffrin Township, PA; the Berks County Convention Center Authority in Reading, PA; several retail locations in Pennsylvania and Ohio for Rite Aid Corporation; the Hill School in Pottstown, PA, Dyer Quarry in Birdsboro, PA; Cedar Hollow Quarry in Chester County, PA; Main Post Office in Kutztown, PA; Main Post Office in Wernersville, PA.

#### **Tank Registration Projects, Various Clients and Locations - Environmental Scientist**

Researched and completed required state and local registration forms for the closure and installation of underground and aboveground storage tanks for various projects.

#### **Previous Experience**

#### **Environmental Planning Activities, McCormick, Taylor & Associates, Inc. - Environmental Planner**

Responsible for conducting wetland delineations, performing wildlife habitat evaluations using the Pennsylvania Modified Habitat Evaluation Procedure (PAMHEP), participating in threatened/endangered species field views, coordinating threatened/endangered species information with resource agencies, and preparing vegetation mapping. Wrote sections of environmental impact statements for transportation projects, including wetlands, vegetation and wildlife, threatened/endangered species, and hazardous waste. Responsible for writing wetland delineation reports, project needs documents, PAMHEP reports, and other technical documents. Assisted in managing a management contract by preparing monthly status reports, preparing work orders and supplements, tracking expiration dates, and reviewing job reports. Coordinated socioeconomic information with municipal officials through questionnaires and interviews.



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**Laboratory Projects, Pennsylvania State University - Lab Assistant**

Prepared slides of water samples and performed bacteria counts; measured ash free dry weights of water samples; and recorded/entered data into a computer program.